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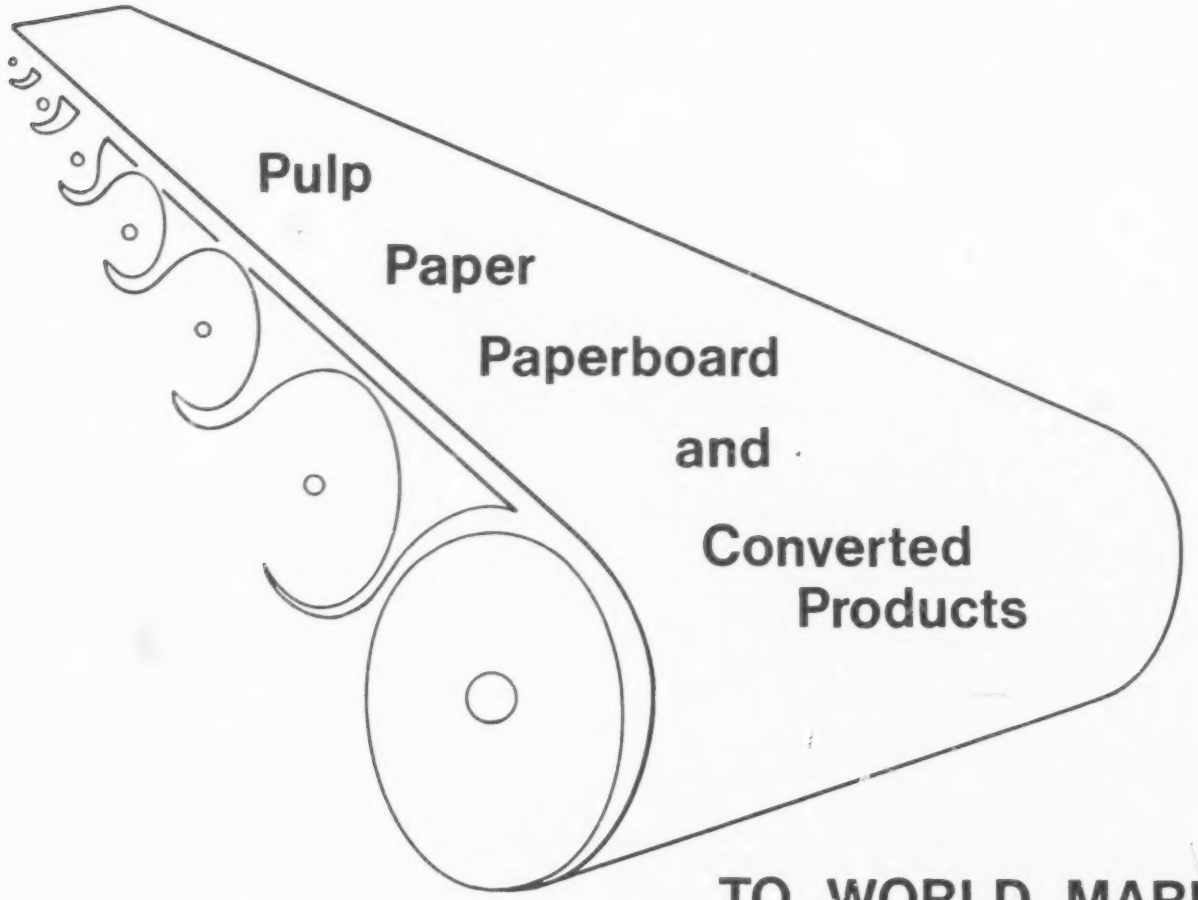


TO WORLD MARKETS - 1982

INTERNATIONAL DEPARTMENT
AMERICAN PAPER INSTITUTE 260 Madison Avenue, New York, N.Y. 10016

SUMMARY AND ANALYSIS

This is the eleventh edition of the American Paper Institute's annual report on U.S. paper industry exports by major product categories to nine areas of destination plus Canada, Mexico, Japan and the People's Republic of China.[1/] The report includes summary export statistical tables (Appendix I) and a time series for U.S. exports of printing and writing paper, kraft linerboard and bleached paperboard by area of destination. These data are presented in Appendix II.

This report marks the inception of a new computerized export data system based on Bureau of the Census data base. It should be noted, though, that the figures provided in this report may differ, though very slightly, from the export figures presented in other sources because of possible differences in aggregating and rounding by region.

In 1982, U.S. paper and allied products industry exports were 9,872,299 tons, 7.4% lower than the previous year, with the value decreasing about 12% to $4.3 billion. The slack demand for U.S. exports in overseas markets was caused by the deepening worldwide recession, the strong U.S. dollar and the competitive devaluation of Nordic currencies. Except for exports to Japan and the Far East/Oceania region, U.S. exports declined to all major world markets. Deepening economic problems and the sharp devaluation of the Mexican peso had a particularly sharp impact on U.S. exports to Mexico which dropped about 220,000 tons to 740,833 tons. Altogether, 1982 exports to Mexico were about 576,000 tons lower than the record level reached in 1980. Other significant declines occurred in shipments to Canada -- 977,458 tons, about 200,000 tons lower than 1981 -- and shipments to the People's Republic of China -- 217,167 tons, about 177,000 tons off 1981 exports. The two year drop in shipments to the People's Republic of China is 383,000 tons.

Despite the worldwide recession, 1982 produced record demand for U.S. paper industry exports in the Far East/Oceania region and in Japan. Total U.S. exports to the Far East/Oceania region were 2,074,210 tons, 6.8% higher than in 1981. Significantly, exports of pulp, paper and paperboard (excluding wastepaper, which traditionally dominated U.S. exports to this region) grew 6.9% to 970,932 tons. Total exports to Japan increased 3.9% to 1,175,684 tons.

Table 1 on the following page provides export data for total U.S. paper industry exports.

1/ Detailed Bureau of the Census data on exports to individual countries are kept on file and are available upon request from the International Department. Data are presented in this report on both a volume (short ton) and a dollar basis.

Table 1

U.S. PAPER INDUSTRY EXPORTS - WORLDWIDE

	1982		1981		Percentage Change: 1982/1981	
	Short Tons	Value ($1,000)	Short Tons	Value ($1,000)	Tonnage	Value
Wood Pulp	3,394,648	1,414,558	3,677,635	1,661,311	- 7.7	-14.9
Cotton and Other Pulp	104,560	72,327	131,910	85,195	-20.7	-15.1
Waste Paper	2,127,050	238,935	2,212,549	268,526	- 3.9	-11.0
Paper, Paperboard and Converted Products	4,246,041	2,589,319	4,641,054	2,890,782	- 8.5	-10.4
GRAND TOTAL	9,872,299	4,324,129*	10,663,148	4,917,049**	- 7.4	-12.1

*Grand total includes $8,990,000 for which no tonnage figures are available.
**Grand total includes $11,235,000 for which no tonnage figures are available.

Exports of Fiber

U.S. exports of fiber (wood pulp, including dissolving pulp; cotton and other pulp; and waste paper) amounted to 5,626,258 tons, 395,836 tons (6.6%) less than in 1981. On a value basis, exports dropped 14.3% to $1.72 billion. The total export tonnage of fiber accounted for 57% of all exports, about the same as in 1981.

Wood Pulp

Exports of wood pulp decreased 282,987 tons (7.7%), to 3,394,648 tons, in volume and dropped 14.9% to slightly over $1.4 billion in value.[1]/ Dissolving pulp suffered the sharpest loss

1/ The API Pulp Division provides detailed and timely information on exports in its monthly "U.S. Wood Pulp Data" reports. The analysis in this report is only a brief summary in the context of overall exports. It should be noted that the API data on total wood pulp export shipments in 1982 amounted to 3,079,508 tons, 9.3% below the Bureau of the Census figure. This apparent inconsistency has occurred historically.

in exports, dropping 19.5% to 631,324 tons. By comparison, exports of total paper grade wood pulp decreased 4.5%. In 1982, exports of wood pulp accounted for almost 60% of total U.S. production of market pulp, up slightly from the 59% in 1981 and well above the 45% of market wood pulp production that was exported in 1972.

Western Europe accounted for nearly 50% of U.S. wood pulp exports in 1982. Exports to this area were 1,677,764 tons, 5.8% less than in 1981. On a value basis, exports were $718.8 million, 12.7% less than 1981. Nevertheless, U.S. wood pulp exports to this region declined by a lower proportion than wood pulp exports of its primary competitors, especially for chemical paper grades. While U.S. shipments of this export category to Western Europe declined by less than 5%, Canadian exports to this region dropped 14% and Finland's and Sweden's export shipments dropped 17% and 18%, respectively.

The drop in U.S. wood pulp exports to Western Europe was due to lower purchases by three countries - Italy, Belgium and the Netherlands. Exports to Italy, which was a more significant U.S. market in the past, were 246,026 tons, 56,057 tons lower than in 1981, while exports to Belgium (179,695 tons) and the Netherlands (131,529 tons) fell 36,225 tons and 22,524 tons, respectively. In contrast, demand for U.S. wood pulp remained strong in other major European markets. Exports to West Germany, the largest market in the region, were 449,136 tons, only 2,800 tons less than in 1981. Exports to the United Kingdom increased slightly to 273,319 tons, moving it past Italy into second place as a market for U.S. wood pulp in the region, and exports to France rose by about 14,000 to 228,602 tons.

U.S. wood pulp exports to Japan dropped 25,903 tons to 590,176 tons. Although this was a relatively small downward change (4.2%), the decline occurred at a time when Japan reported increases in total wood pulp imports of about 3% to 1,933,000 tons. Most of the increase in Japan's pulp imports came from Canada, Finland, Sweden, Chile and Swaziland. On a value basis, U.S. wood pulp exports to the Japanese market were $265.8 million, $32.2 million less than in 1981. The People's Republic of China, which increased its wood pulp purchases to 174,416 tons in 1981, only purchased 46,121 tons in 1982.

See Table 2 on the following page for a comparison between 1982 and 1981 in U.S. wood pulp exports by world regions. Also, a comparison of the regional distribution of U.S. exports between 1982 and 1972 is provided in Chart 1 on Page 26.

Table 2

U.S. EXPORTS OF WOOD PULP BY AREA OF DESTINATION

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	1,677,764	1,781,888	- 5.8	718,841	823,338	-12.7
Canada	116,067	118,921	- 2.4	54,691	56,740	- 3.6
Mexico	196,943	185,998	+ 5.9	84,023	81,348	+ 3.3
Central America, Caribbean and Other Islands	20,571	25,638	-19.8	7,600	10,628	-28.5
South America	175,264	156,221	+12.2	65,913	67,111	- 1.8
Near and Middle East	39,508	60,923	-35.2	14,723	25,134	-41.4
Africa	113,681	151,906	-25.2	42,999	63,157	-31.9
Oceania and Far East	403,411	388,198	+ 3.9	140,451	160,111	-12.3
Japan	590,176	616,079	- 4.2	265,766	297,934	-10.8
U.S.S.R. and Eastern Europe	15,142	17,447	-13.2	5,570	7,944	-29.9
People's Republic of China	46,121	174,416	-73.6	13,981	67,866	-79.4
TOTAL	3,394,648	3,677,635	- 7.7	1,414,558	1,661,311	-14.9

Waste Paper

U.S. waste paper exports in 1982 were 2,127,050 tons, 3.9% less than in 1981. Altogether, 1982 exports were about 537,000 tons lower than the record export level achieved in 1980. Korea (512,028 tons) and Taiwan (462,166 tons) were the leading importing countries of U.S. waste paper while purchases by Mexico (236,346 tons) and Canada (271,395 tons), which were the leading waste paper export markets as recently as 1980, continued to decline. The People's Republic of China, which purchased only 6,549 tons in 1981, purchased 48,243 tons in 1982, apparently displacing some wood pulp shipments.1/

See Table 3 for a comparison between 1982 and 1981 in the regional distribution of U.S. waste paper exports.

1/ For greater details on U.S. waste paper exports, see the API International Department's report "U.S. Exports of Waste Paper in 1982", as well as the API Paper Recycling Committee's monthly report, "U.S. Exports of Waste Paper".

Table 3

U.S. EXPORTS OF WASTE PAPER BY AREA OF DESTINATION

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	194,736	179,280	+ 8.6	20,010	19,595	+ 2.1
Canada	271,395	356,523	- 23.9	32,555	41,185	- 21.0
Mexico	236,346	345,983	- 31.7	30,733	46,878	- 34.4
Central America, Caribbean and Other Islands	17,873	24,089	- 25.8	2,577	4,819	- 46.5
South America	138,754	170,854	- 18.8	16,529	21,713	- 23.9
Near and Middle East	6,915	9,659	- 28.4	587	718	- 18.2
Africa	3,622	1,829	+ 98.0	440	559	- 21.3
Oceania and Far East	1,103,315	1,033,737	+ 6.7	120,442	121,766	- 1.1
Japan	105,851	84,046	+ 25.9	11,320	10,534	+ 7.5
People's Republic of China	48,243	6,549	+636.6	3,742	759	+393.0
TOTAL	2,127,050	2,212,549	- 3.9	238,935	268,526	- 11.0

Paper, Paperboard and Converted Products

Combined U.S. exports of paper, paperboard, and converted products in 1982 amounted to 4,246,041 tons, 8.5% less than in 1981. Since 1980, U.S. exports have declined close to 1 million tons. The total value of 1982 exports was close to $2.6 billion, $302 million less than in the previous year.

Notwithstanding the recent decline, 1982 export tonnage was more than 1 million tons greater than ten years ago. More significantly, there has been a major shift in the regional share of U.S. exports, with Western Europe's share dropping by almost half while the combined share of Japan and the Far East/Oceania region more than doubled. (See Chart 2 on Page 27 for a comparison of the geographic distribution of U.S. exports of paper, paperboard and converted products between 1982 and 1972.)

Canada continued to be the largest single importing country for U.S. paper, paperboard and converted products taking 583,206 tons in 1982, although its share of total U.S. exports dropped to 13.7%, from 15% the previous year. By comparison, Japan increased its purchases of U.S. exports of paper, paperboard and converted products to 474,253 tons, for 11.2% of total U.S. exports of this category, up from 9.1% in 1981.

For a summary of U.S. export tonnage of paper, paperboard and converted products to Canada and Japan see Table 17 on Page 23 and Table 18 on Page 24, respectively.

Paper

Unlike their healthy growth in 1981, paper exports in 1982 suffered a sharp decline. Total export tonnage was 840,445 tons, 16.6% less than in 1981 while the value of exports dropped by almost 20% to $679 million. Except for newsprint, which for the first time became the largest single paper export category, all paper categories suffered declines in both tonnage and value.

Table 4 provides export data for various paper categories for 1982 and 1981.

Table 4

U.S. EXPORTS OF PAPER BY CATEGORY

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Newsprint	307,657	270,460	+13.7	142,964	139,702	+ 2.3
Printing, Writing and Related Paper	246,617	383,317	-35.7	239,135	354,608	-32.6
Packaging and Industrial Converting Paper	150,427	166,541	- 9.7	81,494	95,978	-15.1
Tissue Paper	23,310	51,745	-54.9	25,416	47,842	-46.9
Special Industrial and Absorbent Paper	112,434	136,346	-17.5	190,060	208,645	- 8.9
TOTAL	840,445	1,008,409	-16.6	679,069	846,775	-19.8

Newsprint

Although the U.S. is by far the largest importer of newsprint (1982 imports amounted to 6,530,676 tons) U.S. export tonnage continued to grow, albeit from a small base. U.S. exports in 1982 reached 307,657 tons, 13.7% greater than in the previous year. Prior to 1981, the highest level of U.S. newsprint exports was the 188,139 tons exported in 1974. Newsprint destined for Japan accounted for most of the recent jump in exports. Shipments to that country were 176,164 tons, 57.3% of total U.S. exports compared to 47% in 1981. Mexico, the second largest market for U.S. newsprint, purchased 45,392 tons compared to 66,264 tons in 1981. Indonesia (22,198 tons) and Venezuela (19,358 tons) were the next leading markets for U.S. newsprint.

Printing, Writing and Related Paper

After three consecutive years of growth, depressed foreign demand and the higher value of the U.S. dollar sharply cut U.S. exports of printing, writing and related paper. Export tonnage dropped 35.7% to 246,617 tons, the lowest export level since 1972. The value of exports dropped 32.6% to $239.1 million. Within this category, exports of uncoated groundwood paper and uncoated free sheet paper suffered the sharpest declines. Only coated free sheet paper and cotton fiber paper show a small increase, most of it to Canada.

Although U.S. exports declined to all major areas, particularly hard hit were exports to Canada and Mexico, the two major purchasers of printing, writing and related paper. Increased production, coupled with a decrease in domestic demand, reduced Canada's purchases from the U.S. about 49,000 tons to 113,443 tons in 1982. Exports to Mexico dropped more than half to 40,005 tons.

Table 5 compares U.S. exports of printing, writing and related papers in 1982 and 1981.

Table 5

U.S. EXPORTS OF PRINTING, WRITING AND RELATED PAPERS

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Not Cut to Size or Shape:	221,973	351,741	-36.9	211,614	317,581	-33.4
Uncoated Groundwood	55,916	119,673	-53.3	48,430	91,966	-47.3
Clay-Coated Groundwood	34,669	46,398	-25.3	25,965	38,263	-32.1
Uncoated Free Sheet	47,587	86,600	-45.0	51,509	85,630	-39.8
Clay-Coated Free Sheet	46,704	42,199	+10.7	39,521	40,065	- 1.3
Other Printing, Writing and Related	37,097	56,871	-34.8	46,189	61,657	-25.1
Cut to Size or Shape:	24,644	31,576	-21.9	27,521	37,027	-25.7
Uncoated Free Sheet	23,012	30,152	-23.7	23,942	33,961	-29.5
Cotton Fiber	1,632	1,424	+14.6	3,579	3,066	+16.7
TOTAL	246,617	383,317	-35.7	239,135	354,608	-32.6

Packaging and Industrial Converting Paper

In 1982, exports of packaging and industrial converting paper amounted to 150,427 tons, 9.7% less than in 1981 while the value of exports was $81.5 million, 15.1% lower than last year. Within this category, exports of "kraft shipping sack" (both bleached and unbleached) were 60,701 tons, slightly lower than the 62,803 tons exported in 1981. However, exports of "other kraft bag and sack" (both bleached and unbleached), which was the largest grade in this product category in 1981, declined about 23% to 53,815 tons.

Canada purchased 20,289 tons of packaging and industrial converting paper in 1982, 16.7% less than the previous year. Turkey (19,339 tons) was the second largest importing country with almost all of its purchases consisting of bleached kraft shipping sack. Exports to Mexico continued to decline, dropping to 11,778 tons from 17,072 tons in 1981. By comparison, 1980 exports to Mexico of this paper category were 70,509 tons.

Tissue Paper

Exports of tissue paper (excluding converted tissue products) declined to an insignificant level, particularly when compared to domestic production. Exports of this category were 23,310 tons, less than half the 51,745 tons exported in 1981. On a value basis, exports were $25.4 million, 47% less than in 1981. Canada (3,864 tons) and Saudi Arabia (3,254 tons) were the largest markets. The Western European area, which imported 15,125 tons in 1981, imported only 6,760 tons in 1982.

Special Industrial and Absorbent Paper

Exports of special industrial and absorbent paper declined 17.5% to 112,434 tons, while the value of exports declined 8.9% to $190.1 million. Exports to Canada were 47,736 tons or 42.5% of total U.S. exports of this category. (This compares to 35.6% in 1981.) Mexico (9,371 tons) and Australia (6,136 tons) were other leading importers of this paper category.

Because of classification and definition problems, it is impossible to relate exports to production. It is apparent from the available data, however, that exports of special industrial and absorbent paper represent a significant percent of U.S. production.

Paperboard

U.S. paperboard export tonnage in 1982 was affected comparatively less by slackening foreign demand than were paper exports. Paperboard exports amounted to 2,771,046 tons, 5.9% less than in 1981. On a value basis, though, exports suffered a sharp decline, dropping 12.6% to $1,044.9 million.

Although exports of all paperboard categories declined in 1982 on both tonnage and value bases, the magnitude of the drops varied from category to category. Table 6 summarizes the export data of the major paperboard categories for 1982 and 1981.

Table 6

U.S. EXPORTS OF PAPERBOARD BY CATEGORY

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Unbleached Kraft Linerboard	1,886,193	1,973,487	- 4.4	542,303	660,285	-17.9
Other Unbleached Kraft Board	139,219	148,855	- 6.5	60,780	63,341	- 4.0
Semi-Chemical Corrugating Medium	61,422	65,821	- 6.7	18,116	19,588	- 7.5
Bleached Paperboard	525,733	578,724	- 9.1	349,615	365,389	- 4.3
Recycled Paperboard	158,479	179,048	-11.5	74,094	86,925	-14.8
TOTAL	2,771,046	2,945,935	- 5.9	1,044,908	1,195,528	-12.6

Unbleached Kraft Linerboard

Unbleached kraft linerboard exports (a small amount of bleached kraft linerboard is also included) were by far the largest export grade in the paper and paperboard category. In 1982, exports were 1,886,193 tons, or 4.4% off the 1981 export total. Nevertheless, stiff competition in export markets led to a sharp decline in the value of exports which dropped 17.9% to $542.3 million. In 1982, exports accounted for 13.8% of API reported kraft linerboard production, marginally more than in 1981. The data for total U.S. exports of kraft linerboard by area of destination in 1982 and 1981 are presented in Table 7. The API International Department issues a detailed annual report on kraft linerboard exports by country of destination not only from the U.S. but also from other major supplying countries.1/ Therefore, no separate analysis is presented in this report.

1/ See "Exports of Kraft Linerboard and Corrugating Material from Major Supplying Countries to World Markets, 1981-1982", issued in May 1983. API's Fourdrinier Kraft Board Group also issues monthly reports on production of kraft linerboard for export.

Table 7

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD
BY AREA OF DESTINATION

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	643,610	637,217	+ 1.0	181,601	219,507	+17.3
Canada	47,745	38,877	+22.8	13,479	13,569	- 0.7
Mexico	25,340	22,650	+11.9	7,267	7,787	- 6.7
Central America, Caribbean and Other Islands	292,764	300,037	- 2.4	78,325	90,812	-13.8
South America	132,937	131,292	+ 1.3	41,182	43,161	- 4.6
Near and Middle East	111,589	127,779	-12.7	33,224	40,507	-18.0
Africa	149,339	185,180	-19.4	40,806	60,931	-33.0
Oceania and Far East	253,992	230,689	+10.1	78,090	87,615	-10.9
Japan	117,715	125,888	- 6.5	36,090	46,854	-23.0
U.S.S.R./Eastern Europe	-0-	-0-	-	-0-	-0-	-
People's Republic of China	111,162	173,878	-36.1	32,239	49,542	-34.9
TOTAL	1,886,193	1,973,487	- 4.4	542,303	660,285	-17.9

Bleached Paperboard

Bleached paperboard exports in 1982 were 525,733 tons, 9.2% less than the previous year. Since the record export total achieved in 1980, exports of this category declined by more than 80,000 tons. The value of exports declined by a relatively small amount, down 4.3% to $349.6 million, resulting in an increase in the value per ton from $631 to $665 in 1982. Bleached paperboard export tonnage accounted for 14.3% of total domestic production compared to 14.9% in 1981 and 15.6% in 1980. In 1972 exports accounted for 5.7% of this category's production.

It is difficult to assess the competitive performance of U.S. exports of solid bleached board as compared to other suppliers because of definition and classification differences. It is important to note, though, that there is little solid bleached board capacity in the European Community (EC) and in Japan. In the EC the U.S. faces competition from Nordic solid bleached board exports and more significantly from Nordic duplex and triplex board. In 1982, the combined exports by Finland and Sweden of packaging paperboard, including liquid packaging, reached 1.4 million tons, 88,000 tons more than in 1981. There is also significant duplex and triplex board production in the EC, particularly in West Germany, Italy and France.

In Japan, the U.S. faces little competition from other exporters of solid bleached board. However, domestically produced "ivory board" and other "white board" compete with solid bleached board over a range of products. In 1982 Japan's total "white board" production increased 2.6% to 1,482,000 tons. U.S. exports of bleached paperboard accounted for less than 10% of Japan's consumption of this product category.

With minor exceptions, Japan was the only major area that increased its purchases of U.S. bleached paperboard in 1982. U.S. export shipments reached 134,247 tons, 4.2% higher than in 1981. Nevertheless, the export total has not recovered from the sharp drop experienced in 1981, with this year's export tonnage still 17,000 tons below the record 1980 total. Imports by Australia, the second leading importing country, fell 21% to 70,657 tons, erasing the 22% jump achieved in 1981. South Africa and Canada switched positions as the third and fourth leading importers of U.S. bleached paperboard. South Africa's imports increased 3.2% to 63,118 tons while imports by Canada decreased 22.3% to 57,445 tons, offsetting the 23% increase gained in 1981.

Table 8 provides the export data on bleached paperboard by area of destination for 1982 and 1981.

Table 8

U.S. EXPORTS OF BLEACHED PAPERBOARD
BY AREA OF DESTINATION

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	93,996	111,465	-15.7	65,055	67,601	- 3.8
Canada	57,445	73,962	-22.3	37,546	46,331	-19.0
Mexico	34,374	33,085	+ 3.9	21,338	18,824	+13.4
Central America, Caribbean and Other Islands	11,321	12,554	- 9.8	7,433	7,639	- 2.7
South America	40,224	47,109	-14.6	29,873	30,017	- 0.5
Near and Middle East	1,734	1,632	+ 6.3	828	901	- 8.1
Africa	64,580	67,399	- 4.2	43,113	42,579	+ 1.3
Oceania and Far East	87,810	102,670	-14.5	59,179	66,283	-10.7
Japan	134,247	128,789	+ 4.2	85,245	85,161	+ 0.1
U.S.S.R./Eastern Europe	-0-	49	-	-0-	49	-
People's Republic of China[1/]	2	10	-80.0	5	4	+25.0
TOTAL	525,733	578,724	- 9.2	349,615	365,389	- 4.3

1/ The figures for bleached paperboard exports to the People's Republic of China have been revised for both 1981 and 1982. The Census Bureau reported 5,526 tons in 1981 and 9,234 tons in 1982 as "clay coated bleached kraft plate, dish, cup and tray stock". A review of the shipping documents by the Census Bureau, however, revealed that the product description was erroneous and that these figures actually represented exports of "clay coated recycled paperboard". This table, as well as tables 9, 12, 14, 15 and appendices I and II have been revised accordingly.

For statistical purposes, the bleached kraft paperboard category includes the four following subcategories, which in turn are composed of several grades:

(1) Folding boxboard;
(2) Milk carton stock;
(3) Plate, dish, cup and tray stock; and
(4) Other kraft, n.e.c.

Table 9 provides the export data on individual grades of bleached paperboard for 1982 and 1981.

Table 9

U.S. EXPORTS OF BLEACHED PAPERBOARD BY GRADE

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Kraft Folding Boxboard:	81,339	109,313	-25.6	56,735	70,515	-19.5
Uncoated	3,917	10,498	-62.7	2,366	5,184	-54.4
Clay Coated	69,944	92,568	-24.4	48,077	58,813	-18.3
Resin Coated	7,478	6,247	+19.7	6,292	6,518	- 3.5
Kraft Milk Carton Stock:	366,522	364,503	+ 0.5	235,812	227,083	+ 3.8
Uncoated	31,784	44,827	-29.1	17,985	25,584	-29.7
Resin Coated	334,738	319,676	+ 4.7	217,827	201,499	+ 8.1
Plate, Dish, Cup & Tray Stock:	42,115	42,890	- 1.8	29,647	28,255	+ 4.9
Uncoated Cup	6,352	11,424	-44.4	4,699	8,138	-42.3
Clay Coated	19,552	11,664	+67.6	12,633	6,812	+85.4
Resin Coated	16,211	19,802	-18.1	12,315	13,305	- 7.4
Other Kraft:	35,757	62,018	-42.3	27,421	39,536	-30.6
Other Uncoated, Over 92 lbs.[1/]	4,855	6,160	-21.2	3,250	3,687	-11.9
Clay Coated	17,676	31,594	-44.0	14,766	20,568	-28.2
Uncoated Non-Packaging	13,226	24,264	-45.5	9,405	15,281	-38.5
TOTAL	525,733	578,724	- 9.2	349,615	365,389	- 4.3

1/ The grade "other uncoated bleached paperboard, over 92 lbs." has been erroneously classified in the past under the category "plate, dish, cup and tray stock". Due to new information about the paperboard products that fall under this export grade, we have shifted the grade to the "Other kraft, n.e.c." category. We have adjusted the data in this table as well as in tables 12 and 13 to reflect this shift.

Kraft Folding Boxboard

Three countries - Australia, Canada and South Africa - accounted for 70.5% of U.S. exports of folding boxboard, marginally higher than in 1981. However, exports to all three countries suffered

sharp declines following the impressive gains posted in 1981. Exports to Australia dropped 21.7% to 20,829 tons while exports to both Canada (18,848 tons) and South Africa (17,651 tons) declined by close to 25%. See Table 10 for a breakdown by area of U.S. exports of kraft folding boxboard.

Table 10

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION
KRAFT FOLDING BOXBOARD

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	5,324	9,704	- 45.1	2,954	4,988	- 40.8
Canada	18,848	25,002	- 24.6	12,992	16,405	- 20.8
Mexico	3,139	2,602	+ 20.6	2,022	1,835	+ 10.2
Central America, Caribbean, and Other Islands	2,552	4,976	- 48.7	1,369	2,495	- 45.1
South America	2,385	3,089	- 22.8	1,867	2,005	- 6.9
Near and Middle East	921	332	+177.4	487	258	+ 88.8
Africa	18,525	28,564	- 35.1	12,870	17,917	- 28.2
Oceania and Far East	29,455	34,971	- 15.8	21,964	24,539	- 10.5
Japan	190	49	+287.8	210	66	+218.2
U.S.S.R./Eastern Europe	-0-	14	-	-0-	3	-
People's Republic of China	-0-	10	-	-0-	4	-
TOTAL	81,339	109,313	- 25.6	56,735	70,515	- 19.5

Kraft Milk Carton Stock

U.S. exports of kraft milk carton stock amounted to 366,522 tons, about 2,000 tons higher than in 1981. The export value of this category was $235.8 million, 3.8% higher than last year's total value. Exports of poly coated kraft milk carton stock gained 4.7% to a record 334,738 tons, while exports of uncaoted kraft milk carton stock fell 29.1% to 31,784 tons. Altogether, exports of the latter grade have dropped 44,000 tons since 1980.

Japan remained by far the largest purchaser of U.S. kraft milk carton stock taking 35.4% of total U.S. exports of this product. In 1982, Japan's imports increased 3.7% to 129,590 tons. Domestic manufacturers of milk cartons are dependent to a large extent on board imports from the U.S. and to a much smaller extent from the Nordic countries. However, an article in a Japanese trade publication has recently reported that the Honshu Paper Co. has introduced a duplex board (220 g/m^2) for milk cartons. Honshu Paper plans to attain 20% of the Japanese market by the end of 1983.

South Africa and Australia exchanged positions as the next leading importers of kraft milk carton stock from the U.S. South Africa imported 44,513 tons, 20.3% more than in 1981 while Australia imported 43,030 tons, 17.6% less than in 1981. In both cases, 1982 imports were about the same as in 1980. Mexico purchased 29,097 tons, 24.2% more than in 1981 but still only four-fifths of the 1980 total. See Table 11 for U.S. exports of kraft milk carton stock by major area of destination.

Table 11

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION
KRAFT MILK CARTON STOCK

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	79,933	88,878	- 10.1	55,259	53,429	+ 3.4
Canada	2,658	4,225	- 37.1	1,420	2,315	+ 38.7
Mexico	29,097	23,426	+ 24.2	17,350	12,670	+ 36.9
Central America, Caribbean and Other Islands	3,176	1,774	+ 79.0	2,017	1,158	+ 74.2
South America	28,447	29,670	- 4.1	20,068	17,975	+ 11.6
Near and Middle East	491	16	n.m.	178	10	n.m.
Africa	45,062	38,144	+ 18.1	29,248	23,884	+ 22.5
Oceania and Far East	48,068	53,425	- 10.0	28,419	33,218	- 14.4
Japan	129,590	124,945	+ 3.7	81,853	82,424	- 0.7
U.S.S.R./Eastern Europe	-0-	-0-	-	-0-	-0-	-
People's Republic of China	-0-	-0-	-	-0-	-0-	-
TOTAL	366,522	364,503	+ 0.5	235,812	227,083	+ 3.8

n.m. = not meaningful

Kraft Plate, Dish, Cup and Tray Stock

Exports of this category in 1982 declined 1.8% to 42,115 tons while the value of exports rose 4.9% to $29.6 million. Exports of clay coated kraft plate, dish, cup and tray stock rose nearly 70% to 19,552 tons, offsetting most of the decline in exports of the uncoated and resin coated grades. Canada more than doubled its purchases of this category to 18,875 tons in 1982. See Table 12 for U.S. exports of kraft, plate, dish, cup and tray stock by major area of destination.

Table 12

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION
KRAFT PLATE, DISH, CUP & TRAY STOCK

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	5,148	8,717	- 40.9	3,999	6,128	- 34.7
Canada	18,875	8,571	+120.2	11,554	4,722	+144.7
Mexico	240	2,215	- 89.2	155	1,204	- 87.1
Central America, Caribbean and Other Islands	2,832	3,075	- 7.9	1,959	2,033	- 3.6
South America	8,403	13,037	- 35.5	6,744	8,680	- 22.3
Near and Middle East	46	1,043	- 95.6	22	425	- 94.8
Africa	82	347	- 76.4	46	278	- 83.5
Oceania and Far East	2,645	3,260	- 18.9	2,637	2,828	- 6.8
Japan	3,844	2,590	+ 48.4	2,531	1,911	+ 32.4
U.S.S.R./Eastern Europe	-0-	35	-	-0-	46	-
People's Republic of China	-0-	-0-	-	-0-	-0-	-
TOTAL	42,115	42,890	- 1.8	29,647	28,255	+ 4.9

Other Kraft, n.e.c.

This category includes stock for both packaging and non-packaging use and serves as a "residual" category absorbing grades not classified elsewhere. Exports of this category experienced a sharp decline in 1982, dropping 42.3% to 35,757 tons. On a value basis, exports were $27.4 million, 30.6% less than in 1981. Canada remained by far the largest purchaser but shipments to Canada of 17,064 tons were less than half the amount shipped in 1981. See Table 13 for U.S. exports of other kraft paperboard by major area of destination.

Table 13

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION
OTHER KRAFT, N.E.C.

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	3,591	4,166	- 13.8	2,843	3,056	- 7.0
Canada	17,064	36,164	- 52.8	11,580	22,889	-49.4
Mexico	1,898	4,842	- 60.8	1,811	3,115	-41.9
Central America, Caribbean and Other Islands	2,761	2,729	+ 1.2	2,088	1,953	+ 6.9
South America	989	1,313	- 24.7	1,194	1,357	-12.0
Near and Middle East	276	241	+ 14.5	141	208	-32.2
Africa	911	344	+164.8	949	500	+89.8
Oceania and Far East	7,642	11,014	- 30.6	6,159	5,698	+ 8.1
Japan	623	1,205	- 48.3	651	760	+14.3
U.S.S.R./Eastern Europe	-0-	-0-	-	-0-	-0-	-
People's Republic of China	2	-0-	-	5	-0-	-
TOTAL	35,757	62,018	- 42.3	27,421	39,536	-30.6

Recycled Paperboard

U.S. exports of recycled paperboard fell for the second year in a row with tonnage down 20,569 tons to 158,479 tons, and value dropping $12.8 million to $74.1 million. On a tonnage basis, 1982 exports were about 90,000 tons lower than in 1980. See Table 14 for data on individual export grades in 1982 and 1981.

Table 14

U.S. EXPORTS OF RECYCLED PAPERBOARD BY GRADE

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Linerboard	23,093	17,773	+29.9	9,669	8,876	+ 8.9
Corrugating Medium	19,233	32,050	-40.0	4,412	7,377	-40.2
Uncoated Folding Carton Stock	12,778	14,150	- 9.7	7,011	8,372	-16.3
Other Uncoated Packaging	21,621	27,816	-22.3	10,787	12,546	-14.0
Clay Coated	49,333	33,499	+47.3	15,920	13,536	+17.6
Uncoated Non-Packaging	32,421	53,760	-39.7	26,295	36,218	-27.4
TOTAL	158,479	179,048	-11.5	74,094	86,925	-14.8

Canada continued to be by far the largest purchaser of U.S. recycled paperboard, importing 48,822 tons in 1982 or 30.8% of total U.S. exports. However, this was far lower than the 73,396 tons imported in 1981 when Canada's imports accounted for 41% of total U.S. exports of this category.

The People's Republic of China which imported 28,857 tons in 1981, purchased 9,234 tons in 1982. In 1980, the PRC was the largest importer of U.S. recycled paperboard with 68,931 tons.

In contrast to the overall decline of this category's exports, shipments to Central America/Caribbean and to the Far East/Oceania regions posted significant gains, albeit from a low base, rising 68.6% to 38,187 tons and 168% to 31,973 tons, respectively. See Table 15 for U.S. exports of recycled paperboard by major area of destination.

Table 15

U.S. EXPORTS OF RECYCLED PAPERBOARD BY AREA

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Western Europe	9,810	10,893	- 9.9	6,753	6,361	+ 6.2
Canada	48,822	73,396	- 33.5	20,251	30,879	-34.4
Mexico	5,570	11,441	- 51.3	4,312	8,842	-51.2
Central America, Caribbean and Other Islands	38,187	22,656	+ 68.6	15,799	12,188	+29.6
South America	6,404	8,937	- 28.8	4,491	6,123	-26.7
Near and Middle East	1,776	1,906	- 6.8	1,677	1,493	+12.3
Africa	5,518	6,657	- 17.1	2,492	3,423	-27.2
Oceania and Far East	31,973	11,934	+167.9	14,735	8,734	+68.7
Japan	1,185	2,311	- 48.7	865	1,253	-31.0
U.S.S.R./Eastern Europe	-0-	-0-	-	-0-	-0-	-
People's Republic of China	9,234	28,857	- 68.0	2,719	7,629	-64.4
TOTAL	158,479	179,048	- 11.5	74,094	86,925	-14.8

Construction Paper and Paperboard

Exports of construction paper and paperboard grades in 1982 were 47,833 tons, 30.5% less than in 1981. On a value basis, exports dropped 20.1% to $24.4 million. Exports of insulation board were the largest in this export category accounting for 59% of total exports of construction grades. Canada remained the largest purchaser with 17,487 tons, although it imported 46.2% less than in 1981.

Converted Paper and Paperboard Products

In 1982, exports of converted products amounted to 575,628 tons, 5.2% less than in the previous year. On a value basis, however, exports posted a small increase (up 3%) to a record $835.0 million. On both tonnage and value bases, this category increased its share of total exports of paper, paperboard and converted products to 13.5% of volume and 32.2% of value. In 1981, the comparable figures were 13% and 28%.

Exports of "paperboard boxes, cartons and drums" became the largest converted products category at 152,023 tons, up 16.1% from 1981. Exports of corrugated boxes, which accounted for two thirds of this category, grew to 97,801 tons, almost 18,000 higher than in the previous year. All of the increase was due to a sharp jump in Canadian imports which amounted to 50,108 tons, up from 14,221 tons in 1981. A strike at Canadian corrugated box plants contributed to the dramatic increase in 1982 purchases of U.S. corrugated boxes.

Exports of "tissue and sanitary products", which was the largest converted products category in 1981, dropped 17.6% to 115,308 tons. Altogether, exports of this category are almost 65,000 tons lower than the record reached in 1980. Within this category, exports of "other" tissue products which include diapers and other disposable sanitary products, declined 11.8% to 81,258 tons.

Exports of milk carton blanks, which are classified in the "sanitary food containers" category, were 35,368 tons, almost 10,000 tons lower than in 1981. South Korea (11,790 tons) was the leading importer of milk carton blanks from the U.S.

Canada was again the largest market for U.S. converted products. Exports to Canada increased for the second year in a row, growing 18.5% in 1982 to 199,640 tons. On a value basis, exports increased close to 20% to $167.3 million. Nevertheless, exports of only two converted product categories increased in 1982. Exports of "paperboard boxes, cartons and drums" more than doubled to 78,327 tons, again, due to a strike in Canada, while exports of "corrugated paper and paperboard products", a much smaller export category, increased 72.6% to 13,694 tons. U.S. exports to Canada of "printing, writing and related paper products", the largest export category to this country last year, dropped close to 20% in 1982 to 31,796 tons.

Exports to Mexico, the second leading market for U.S. converted products, amounted to 105,377 tons, 9% less than in 1981. However, on a value basis exports were $195.4 million (up 27%), significantly more than the value of converted products exported to Canada. The category "special industrial paper products, molded pulp and other", which accounted for less than 30% of converted products export tonnage to Mexico, accounted for more than 60% of the value of these products.

Exports of converted products to Western Europe declined by almost 20,000 tons to 51,728 tons. Since 1980, exports to this region have dropped almost 50%. Much of the 1982 decline was due to a sharp drop in exports of "tissue paper products" to France, declining from 7,500 tons in 1981 to less than 400 tons in 1982.

Table 16 summarizes the data for total U.S. exports of major categories of converted products in 1982 and 1981.

Table 16

U.S. EXPORTS OF CONVERTED PAPER AND PAPERBOARD PRODUCTS BY CATEGORY

	Tonnage			Value		
	1982	1981	% Change	1982	1981	% Change
				($1,000)		
Wall Paper	3,022	3,512	-14.0	12,055	13,535	-10.9
Printing, Writing and Related Paper Products	56,569	71,363	-20.7	85,552	93,189	- 8.2
Cigarette Paper	17,723	20,120	-11.9	46,350	47,335	- 2.1
Packaging and Industrial Converting Paper Products	24,013	30,041	-20.1	33,993	37,993	-10.5
Tissue Paper Products	115,308	139,901	-17.6	201,401	220,979	- 8.9
Special Industrial Paper Products, Molded Pulp and Other	99,170	97,400	+ 1.8	211,811	167,571	+26.4
Paperboard Boxes, Cartons and Drums	152,023	130,902	+16.1	118,880	98,672	+20.5
Sanitary Food Containers	54,367	67,406	-19.3	71,063	80,806	-12.1
Corrugated Paper and Paperboard	49,939	39,228	+27.3	49,828	41,729	+19.4
Composite Paper and Paperboard	3,494	7,193	-51.4	4,033	9,036	-55.4
TOTAL	575,628	607,066	- 5.2	834,966	810,845	+ 3.0

Table 17

U.S. EXPORTS OF PAPER, PAPERBOARD AND CONVERTED PRODUCTS TO CANADA, 1982

	Tonnage	Export Tonnage to Canada as % of Total U.S. Exports
Newsprint	3,037	1.0
Printing, Writing and Related Paper	113,443	46.0
Packaging and Industrial Converting Paper	20,289	13.5
Tissue Paper	3,864	16.6
Special Industrial and Absorbent Paper	47,736	42.4
Unbleached Kraft Linerboard	47,745	2.5
Other Unbleached Kraft Paperboard	17,547	12.6
Corrugating Medium	1,786	2.9
Bleached Paperboard	57,445	10.9
Recycled Paperboard	48,822	30.8
Wet Machine Board	4,365	39.4
Construction Paper and Paperboard	17,487	36.5
Converted Products	199,640	34.7
TOTAL	583,206	13.7

Table 18

U.S. EXPORTS OF PAPER, PAPERBOARD AND CONVERTED PRODUCTS TO JAPAN, 1982

	Tonnage	Export Tonnage to Japan as % of Total U.S. Exports
Newsprint	176,164	57.3
Unbleached Kraft Linerboard	117,715	6.2
Bleached Paperboard	134,247	25.5
Other Paper and Paperboard	26,162	2.7
Converted Products	19,965	3.5
TOTAL	474,253	11.2

STATISTICAL NOTE

Although the source of the basic information presented in this report is the Bureau of the Census, U.S. Department of Commerce, the data as compiled in this report are unavailable anywhere else.

The Census Bureau reports export values on f.a.s. (free alongside ship) basis, which excludes the following costs: loading merchandise aboard the exporting carrier; freight; insurance; and any other charges incurred beyond the port of exit.

1982 was the fifth year that the revised U.S. Government export classification system was in effect. Consequently, the 1982 data for the individual grade categories are comparable only with data since 1978 and not with the figures for the previous years. However, the aggregate numbers for total paper, paperboard and converted products are fully comparable.

If you have any questions about this report, or if you would like to have additional information, please contact Jacob Handelsman, Associate Director, International Department, or me.

Irene W. Meister

Irene W. Meister
Vice President, International

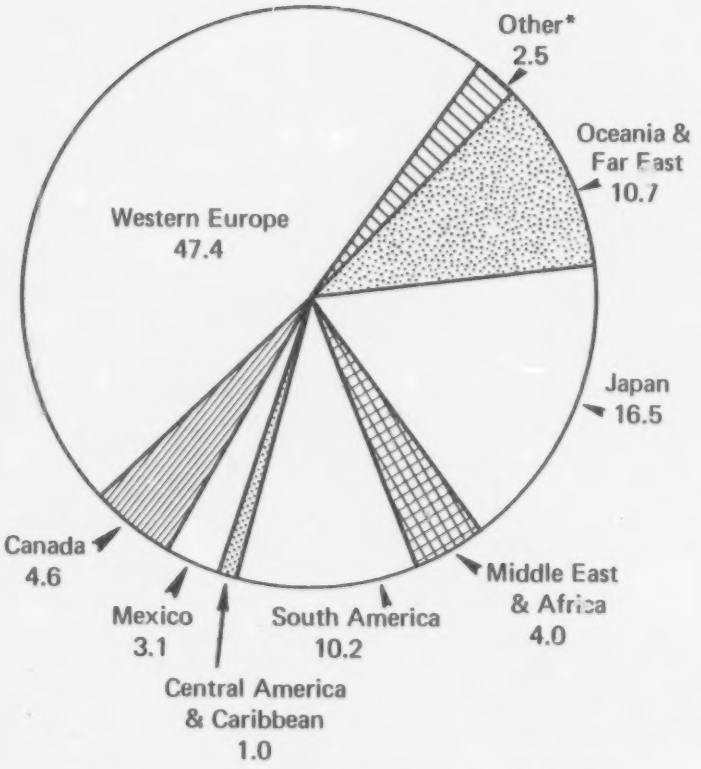
API International Department, June 1983.

Chart 1

WOOD PULP EXPORTS

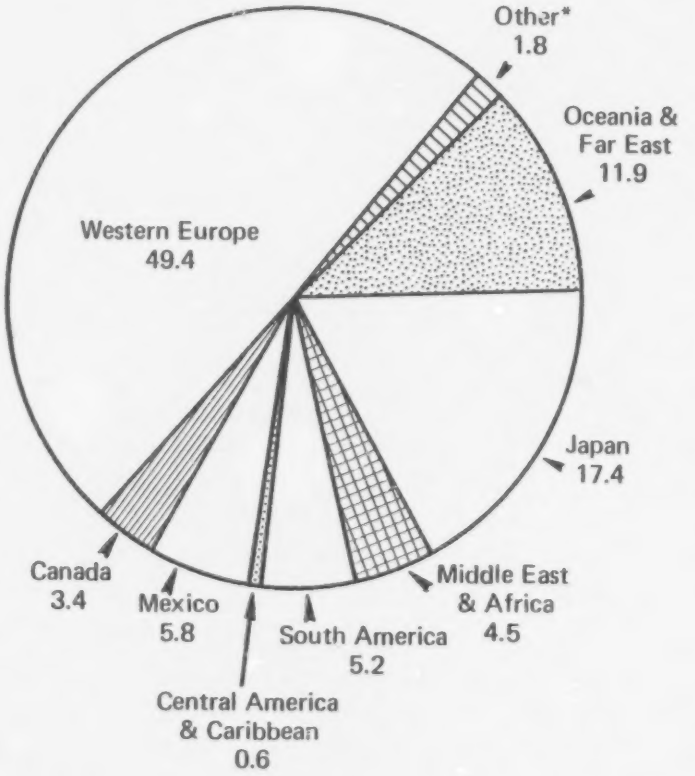
PERCENTAGE DISTRIBUTION OF U.S. EXPORT TONNAGE BY AREA OF DESTINATION

1972



2,252,778 Tons

1982

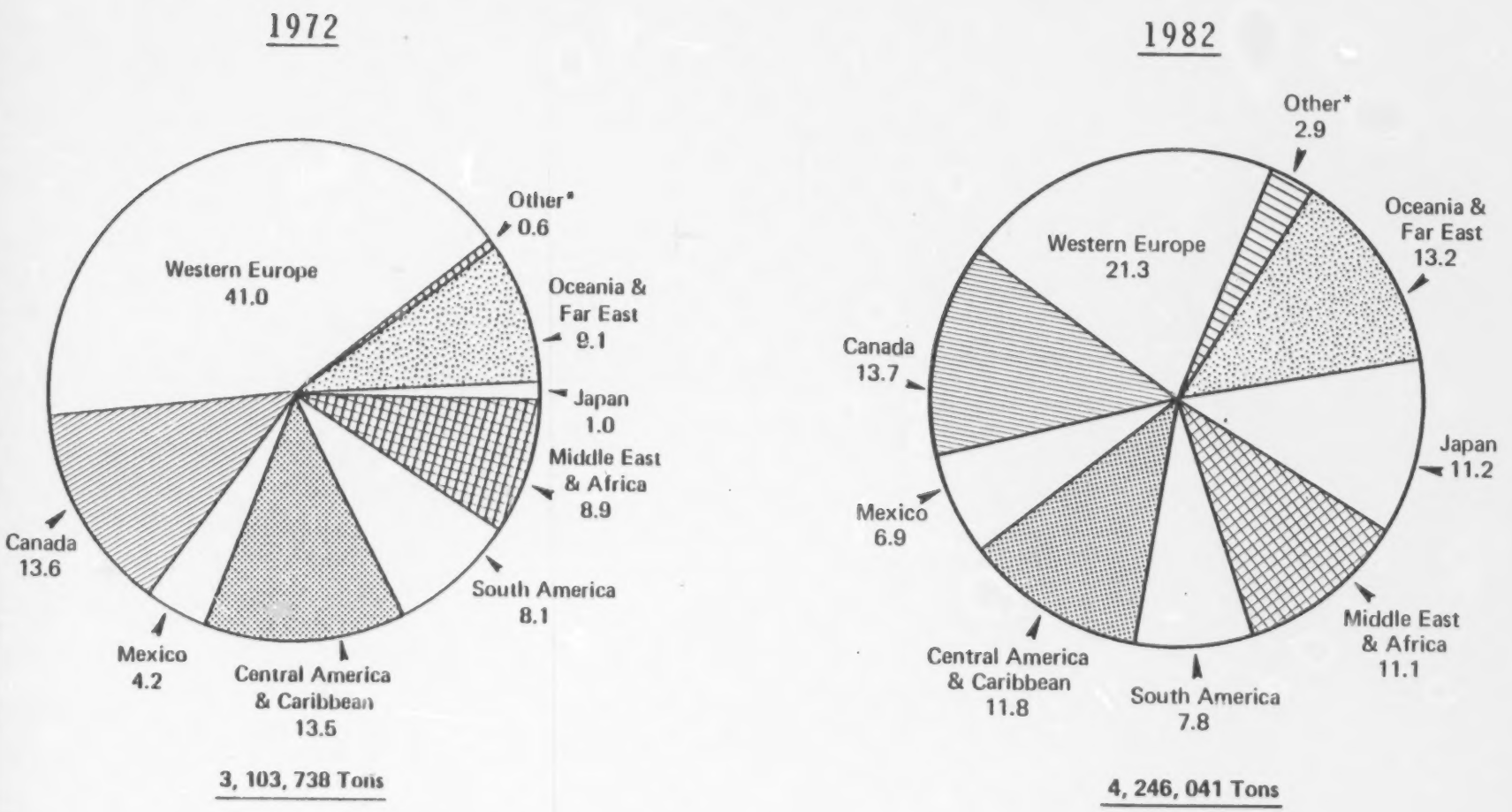


3,394,648 Tons

* Includes China, USSR & Eastern Europe

Chart 2

PAPER, PAPERBOARD AND CONVERTED PRODUCTS
PERCENTAGE DISTRIBUTION OF U. S. EXPORT TONNAGE BY AREA OF DESTINATION



* Includes China, USSR & Eastern Europe

APPENDIX I

U.S. EXPORTS OF PULP, PAPER, PAPERBOARD AND CONVERTED PRODUCTS

1982

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC**		EC - ORIGINAL SIX MEMBERS	
	Tons*	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	9,872,299	4,324,129	2,840,355	1,243,526	2,520,259	1,115,332	1,889,009	828,989
WOOD PULP TOTAL	3,394,648	1,414,558	1,677,764	718,841	1,510,544	648,032	1,236,632	529,421
COTTON AND OTHER PULP	104,560	72,327	61,814	47,474	51,821	40,327	33,373	24,756
WASTE PAPER	2,127,050	238,935	194,736	20,010	125,959	12,578	114,462	11,246
PAPER, BOARD AND CONVERTED PRODUCTS	4,246,041	2,589,319	906,041	454,859	831,935	412,540	504,542	262,129
PAPER AND BOARD TOTAL***	3,670,413	1,754,353	854,313	356,898	786,686	328,263	476,219	208,439
PAPER TOTAL	840,445	679,069	43,426	72,524	38,991	64,421	22,329	40,194
NEWSPRINT	307,657	142,964	3,496	2,602	2,921	2,242	107	236
PRINTING, WRITING & RELATED PAPER	246,617	239,135	15,192	24,983	13,988	22,394	7,975	14,100
Not Cut to Size or Shape:	221,973	211,614	12,829	21,070	11,738	18,779	7,334	12,069
Uncoated Groundwood	55,916	48,430	5,037	6,660	4,773	6,214	4,254	5,769
Clay Coated Groundwood	34,669	25,965	176	158	172	156	160	139
Uncoated Free Sheet	47,587	51,509	1,965	3,845	1,753	3,351	469	1,075
Clay Coated Free Sheet	46,704	39,521	3,132	5,032	2,811	4,355	1,479	2,205
Other Printing, Writing & Related****	37,097	46,189	2,519	5,375	2,229	4,703	972	2,881
Cut to Size or Shape:	24,644	27,521	2,363	3,913	2,250	3,615	641	2,031
Uncoated Free Sheet	23,012	23,942	2,001	2,532	1,913	2,322	389	1,044
Cotton Fiber	1,632	3,579	362	1,381	337	1,293	252	987

* Volume expressed in short tons throughout this report.
** Excluding Greece.
*** Includes Paper, Paperboard, Wet Machine Board, and Construction Paper and Board.
**** Included in this category in the World Total column are: self-copy papers (11,553 tons and $17.2 million), other thin and carbonizing papers (16,123 tons and $17.5 million), coated and uncoated bristols (4,400 tons and $4.2 million), and cotton pulp paper (5,021 tons and $7.3 million).

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC*		EC - ORIGINAL SIX MEMBERS	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	150,427	81,494	7,667	6,857	7,001	6,342	4,932	3,612
Unbleached Kraft	89,068	38,000	5,044	2,643	4,450	2,375	3,312	1,230
Bleached Kraft	33,542	17,912	722	395	719	382	156	119
Other	27,817	25,582	1,901	3,819	1,832	3,585	1,464	2,263
TISSUE PAPER	23,310	25,416	6,760	10,135	6,556	9,779	4,224	6,796
SPECIAL INDUSTRIAL PAPER	112,434	190,060	10,311	27,947	8,525	23,664	5,091	15,450
PAPERBOARD TOTAL	2,771,046	1,044,908	796,358	275,632	734,665	256,083	445,523	163,162
UNBLEACHED KRAFT LINERBOARD**	1,886,193	542,303	643,610	181,601	589,017	165,530	329,412	92,512
OTHER UNBLEACHED KRAFT BOARD	139,219	60,780	45,514	21,114	45,088	20,446	39,980	17,909
SEMI-CHEMICAL CORRUGATING MEDIUM	61,422	18,116	3,428	1,109	1,044	433	784	222
BLEACHED PAPERBOARD	525,733	349,615	93,996	65,055	93,047	64,358	71,925	49,685
Kraft Folding Boxboard	81,339	56,735	5,324	2,954	4,905	2,762	1,492	628
Kraft Milk Carton Stock	366,522	235,812	79,933	55,259	79,632	55,082	64,892	44,969
Kraft Plate, Dish, Cup & Tray Stock	42,115	29,647	5,148	3,999	5,098	3,909	3,246	2,491
Other Kraft	35,757	27,421	3,591	2,843	3,412	2,605	2,295	1,597
RECYCLED PAPERBOARD	158,479	74,094	9,810	6,753	6,469	5,316	3,422	2,834
WET MACHINE BOARD	11,089	5,939	1,165	726	1,065	641	558	300
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	47,833	24,437	13,364	8,016	11,965	7,118	7,809	4,783

* Excluding Greece.
** Includes small amount of bleached kraft linerboard.

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC*		EC - ORIGINAL SIX MEMBERS	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	575,628	834,966	51,728	97,961	45,249	84,277	28,323	53,690
WALLPAPER	3,022	12,055	503	2,310	464	2,143	267	1,153
PRINTING, WRITING & RELATED PAPER PRODUCTS	56,569	85,552	3,827	12,367	3,415	10,199	2,133	5,689
CIGARETTE PAPER	17,723	46,350	2,295	5,732	1,681	3,950	967	2,310
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	24,013	33,993	3,656	7,388	3,224	6,426	2,435	3,824
TISSUE PAPER PRODUCTS	115,308	201,401	7,045	16,525	5,762	13,175	4,186	10,531
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	99,170	211,811	12,877	23,349	11,540	20,016	5,655	11,020
PAPERBOARD BOXES, CARTONS & DRUMS	152,023	118,880	3,541	5,230	3,261	4,696	1,388	2,145
SANITARY FOOD CONTAINERS	54,367	71,063	6,290	9,059	6,022	8,485	1,706	2,434
CORRUGATED PAPER & PAPERBOARD	49,939	49,828	11,471	15,420	9,661	14,609	9,493	14,241
COMPOSITE PAPER & PAPERBOARD	3,494	4,033	223	581	219	578	93	343
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE**		8,990		2,342		1,855		1,437

* Excluding Greece.

** These total dollar amounts are included in Grand Total Figures (Page 1, line 1), but are not included in any other totals reported by grade.

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	977,458	536,777	740,833	436,181	542,232	264,116	649,167	298,089	255,703	174,583
WOOD PULP TOTAL	116,067	54,691	196,943	84,023	20,571	7,600	175,264	65,913	39,508	14,723
COTTON AND OTHER PULP	6,790	4,152	13,192	6,713	431	284	3,901	1,684	3,495	2,149
WASTE PAPER	271,395	32,555	236,346	30,733	17,873	2,577	138,754	16,529	6,915	587
PAPER, BOARD AND CONVERTED PRODUCTS	583,206	442,437	294,352	313,780	503,357	253,008	331,248	213,672	205,785	156,405
PAPER AND BOARD TOTAL	383,566	275,107	188,754	118,403	438,368	160,023	298,499	158,250	160,820	63,051
PAPER TOTAL	188,369	185,357	109,595	78,505	58,867	46,750	62,001	63,521	39,794	24,499
NEWSPRINT	3,037	2,671	45,392	21,366	8,362	4,750	29,286	14,235	329	378
PRINTING, WRITING & RELATED PAPER	113,443	95,899	40,005	34,523	28,483	26,037	12,307	15,849	1,686	3,463
Not Cut to Size or Shape:	108,744	91,599	30,780	25,700	26,088	23,264	11,546	14,474	1,115	2,308
Uncoated Groundwood	17,774	16,391	22,253	15,406	4,865	3,903	1,466	1,364	114	199
Clay Coated Groundwood	29,189	21,730	1,803	1,249	1,351	1,242	1,780	1,189	9	34
Uncoated Free Sheet	21,121	19,961	1,574	3,045	4,804	4,822	3,242	4,635	409	604
Clay Coated Free Sheet	27,208	20,986	519	411	12,178	9,299	1,803	1,541	49	72
Other Printing, Writing & Related	13,452	12,531	4,631	5,589	2,890	3,998	3,255	5,745	534	1,399
Cut to Size or Shape:	4,699	4,300	9,225	8,823	2,395	2,773	761	1,375	571	1,155
Uncoated Free Sheet	4,218	3,578	9,056	8,636	2,081	2,430	703	1,206	488	910
Cotton Fiber	481	722	169	187	314	343	58	169	83	245

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	20,289	13,614	11,778	7,198	13,923	7,296	6,745	6,108	30,523	13,819
Unbleached Kraft	12,503	6,385	8,608	3,643	10,128	4,650	3,218	2,532	11,390	4,028
Bleached Kraft	2,227	1,964	931	752	1,597	825	103	156	19,057	9,678
Other	5,559	5,265	2,239	2,803	2,198	1,821	3,424	3,420	76	113
TISSUE PAPER	3,864	3,062	3,049	1,967	2,932	3,600	470	667	4,560	4,042
SPECIAL INDUSTRIAL PAPER	47,736	70,111	9,371	13,451	5,167	5,067	13,193	26,662	2,696	2,797
PAPERBOARD TOTAL	173,345	81,001	74,793	37,651	372,923	110,402	234,108	93,388	117,331	36,247
UNBLEACHED KRAFT LINERBOARD*	47,745	13,479	25,340	7,267	292,764	78,325	132,937	41,182	111,589	33,224
OTHER UNBLEACHED KRAFT BOARD	17,547	8,534	9,202	4,444	2,119	729	44,162	14,691	870	168
SEMI-CHEMICAL CORRUGATING MEDIUM	1,786	1,191	307	290	28,532	8,116	10,381	3,151	1,362	350
BLEACHED PAPERBOARD	57,445	37,546	34,374	21,338	11,321	7,433	40,224	29,873	1,734	828
Kraft Folding Boxboard	18,848	12,992	3,139	2,022	2,552	1,369	2,385	1,867	921	487
Kraft Milk Carton Stock	2,658	1,420	29,097	17,350	3,176	2,017	28,447	20,068	491	178
Kraft Plate, Dish, Cup & Tray Stock	18,875	11,554	240	155	2,832	1,959	8,403	6,744	46	22
Other Kraft	17,064	11,580	1,898	1,811	2,761	2,088	989	1,194	276	141
RECYCLED PAPERBOARD	48,822	20,251	5,570	4,312	38,187	15,799	6,404	4,491	1,776	1,677
WET MACHINE BOARD	4,365	2,537	179	96	2,769	881	1,396	515	257	167
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	17,487	6,212	4,187	2,151	3,809	1,990	994	826	3,438	2,138

* Includes small amount of bleached kraft linerboard.

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000).	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	199,640	167,330	105,598	195,377	64,989	92,985	32,749	55,422	44,965	93.354
WALLPAPER	1,694	6,492	104	335	184	607	193	748	100	366
PRINTING, WRITING & RELATED PAPER PRODUCTS	31,796	20,932	2,983	5,978	6,864	12,438	3,193	5,397	3,190	8,681
CIGARETTE PAPER	6,608	16,500	169	453	1,067	2,954	2,510	6,372	7	13
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	8,025	9,171	5,094	5,088	3,729	4,962	844	2,299	765	1,523
TISSUE PAPER PRODUCTS	16,424	20,230	10,503	15,627	16,062	26,800	8,966	17,886	29,772	60,109
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	36,245	27,215	30,126	119,461	6,313	10,605	3,707	6,501	3,075	11,336
PAPERBOARD BOXES, CARTONS & DRUMS	78,327	48,639	38,432	33,639	12,938	11,624	8,757	9,522	2,030	2,951
SANITARY FOOD CONTAINERS	5,688	6,661	4,810	4,838	11,952	14,950	1,996	2,613	4,111	7,497
CORRUGATED PAPER & PAPERBOARD	13,694	10,249	13,320	9,858	4,950	7,426	2,119	3,829	1,797	680
COMPOSITE PAPER & PAPERBOARD	1,139	1,241	57	100	930	615	464	255	118	198
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE*		2,942		932		647		291		719

* These total dollar amounts are included in Grand Total Figures (Pages 1 and 4, line 1), but are not included in any other totals reported by grade.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	382,287	178,667	2,074,210	591,037	1,175,684	539,257	17,203	7,716	217,167	54,180
WOOD PULP TOTAL	113,681	42,999	403,411	140,451	590,176	265,766	15,142	5,570	46,121	13,981
COTTON AND OTHER PULP	275	204	7,069	3,695	5,404	4,104	1,873	1,610	316	258
WASTE PAPER	3,622	440	1,103,315	120,442	105,851	11,320	–	–	48,243	3,742
PAPER, BOARD AND CONVERTED PRODUCTS	264,709	134,728	560,415	325,843	474,253	257,859	188	529	122,487	36,199
PAPER AND BOARD TOTAL**	252,595	109,495	516,712	250,970	454,288	225,931	105	271	122,393	35,954
PAPER TOTAL	19,450	18,499	124,111	88,921	192,743	99,236	105	271	1,984	986
NEWSPRINT	943	423	40,648	15,056	176,164	81,483	–	–	–	–
PRINTING, WRITING & RELATED PAPER	3,584	5,349	30,682	29,963	1,037	2,764	6	14	192	291
Not Cut to Size or Shape:	2,863	4,230	27,121	26,906	703	1,812	4	9	180	242
Uncoated Groundwood	1,068	1,547	3,113	2,622	226	338	–	–	–	–
Clay Coated	4	7	353	352	4	4	–	–	–	–
Uncoated Free Sheet	496	901	13,849	13,318	113	350	2	5	12	23
Clay Coated Free Sheet	226	401	1,366	1,445	54	119	1	2	168	213
Other Printing, Writing & Related	1,069	1,374	8,440	9,169	306	1,001	1	2		6
Cut to Size or Shape:	721	1,119	3,561	3,057	334	952	2	5	12	49
Uncoated Free Sheet	691	1,023	3,472	2,781	298	830	2	5	2	11
Cotton Fiber	30	96	89	276	36	122	–	–	10	38

* Excluding Japan.
** Includes Paper, Paperboard, Wet Machine Board and Construction Paper and Board.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	9,518	4,809	35,340	15,761	12,958	5,550	-	-	1,686	482
Unbleached Kraft	7,110	2,955	16,711	6,363	12,672	4,329	-	-	-	-
Bleached Kraft	681	611	8,166	3,515	58	16	-	-	1,684	472
Other	1,727	1,243	10,463	5,883	228	1,205	-	-	2	10
TISSUE PAPER	378	516	910	1,079	387	348	-	-	-	-
SPECIAL INDUSTRIAL PAPER	5,027	7,402	16,531	27,062	2,197	9,091	99	257	106	213
PAPERBOARD TOTAL	232,718	90,445	388,804	159,246	260,268	125,933	-	-	120,398	34,963
UNBLEACHED KRAFT LINERBOARD**	149,339	40,806	253,992	78,090	117,715	36,090	-	-	111,162	32,239
OTHER UNBLEACHED KRAFT BOARD	6,703	2,389	9,336	5,692	3,766	3,019	-	-	-	-
SEMI-CHEMICAL CORRUGATING MEDIUM	6,578	1,645	5,693	1,550	3,355	714	-	-	-	-
BLEACHED PAPERBOARD	64,580	43,113	87,810	59,179	134,247	85,245	-	-	2	5
Kraft Folding Boxboard	18,525	12,870	29,455	21,964	190	210	-	-	-	-
Kraft Milk Carton Stock	45,062	29,248	48,068	28,419	129,590	81,853	-	-	-	-
Kraft Plate, Dish, Cup	82	46	2,645	2,637	3,844	2,531	-	-	-	-
Other Kraft	911	949	7,642	6,159	623	651	-	-	2	5
RECYCLED PAPERBOARD	5,518	2,492	31,973	14,735	1,185	865	-	-	9,234	2,719
WET MACHINE BOARD	186	139	563	751	209	127	-	-	-	-
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	241	412	3,234	2,052	1,068	635	-	-	11	5

* Excluding Japan.
** Includes small amount of bleached kraft linerboard.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	12,114	25,233	43,703	74,873	19,965	31,928	83	258	94	245
WALLPAPER	35	114	167	875	34	170	–	–	8	38
PRINTING, WRITING & RELATED PAPER PRODUCTS	1,133	9,152	2,799	8,074	711	2,273	32	159	41	101
CIGARETTE PAPER	1,696	4,560	3,366	9,758	1	1	–	–	4	7
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	194	263	1,500	2,804	202	481	3	10	1	4
TISSUE PAPER PRODUCTS	2,262	3,550	8,838	17,674	15,425	22,977	9	17	2	6
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	1,810	2,917	4,328	7,896	659	2,421	23	41	7	65
PAPERBOARD BOXES, CARTONS & DRUMS	3,603	3,067	3,000	2,890	1,356	1,287	15	15	24	16
SANITARY FOOD CONTAINERS	460	618	18,241	23,281	818	1,543	–	–	1	3
CORRUGATED PAPER & PAPERBOARD	694	501	1,215	1,179	672	665	1	16	6	5
COMPOSITE PAPER & PAPERBOARD	227	491	249	442	87	110	–	–	–	–
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE**		296		606		208		7		–

* Excluding Japan.

** These total dollar amounts are included in Grand Total Figures (Pages 1 and 7, line 1), but are not included in any other totals reported by grade.

SOURCE: U.S. Department of Commerce, Bureau of the Census

APPENDIX II

U.S. EXPORTS OF PRINTING AND WRITING PAPERS*

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL		WESTERN EUROPE		CANADA		MEXICO		CENTRAL AMERICA & CARIBBEAN	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	144,484	100.0	25,003	17.3	54,728	37.9	14,655	10.1	15,769	10.9
1973	175,077	100.0	29,468	16.8	57,260	32.7	13,678	7.8	20,162	11.5
1974	252,474	100.0	24,592	9.7	79,564	31.5	14,209	5.6	29,264	11.6
1975	317,297	100.0	35,113	11.1	159,126	50.1	19,398	6.1	21,131	6.7
1976	324,576	100.0	31,475	9.7	189,648	58.4	14,342	4.4	23,707	7.3
1977	264,464	100.0	29,510	11.2	128,361	48.5	21,203	8.0	25,227	9.5
1978	216,597	100.0	32,299	14.9	95,238	44.0	25,743	11.9	18,676	8.6
1979	222,072	100.0	31,803	14.3	89,362	40.2	38,248	17.2	17,579	7.9
1980	281,615	100.0	35,762	12.7	99,161	35.2	64,522	22.9	24,354	8.7
1981	325,022	100.0	27,334	8.4	137,540	42.3	82,891	25.5	25,437	7.8
1982	207,888	100.0	12,311	5.9	99,510	47.9	35,205	16.9	25,279	12.2

* - Includes Uncoated Groundwood, Clay Coated Groundwood, Uncoated Free Sheet and Clay Coated Free Sheet.

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U.S. EXPORTS OF PRINTING AND WRITING PAPERS*

BY AREA OF DESTINATION

(Short Tons)

Year	SOUTH AMERICA		NEAR AND MIDDLE EAST		AFRICA		OCEANIA AND FAR EAST**		OTHER***	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	17,311	12.0	480	0.3	3,182	2.2	12,269	8.5	1,087	0.8
1973	17,768	10.2	1,282	0.7	5,101	2.9	29,344	16.8	1,014	0.6
1974	34,470	13.7	1,599	0.6	9,301	3.7	58,692	23.3	783	0.3
1975	29,827	9.4	1,290	0.4	14,184	4.5	32,400	10.2	4,828	1.5
1976	30,147	9.3	1,014	0.3	5,465	1.7	28,734	8.9	44	-
1977	24,671	9.3	2,199	0.8	4,113	1.6	29,176	11.0	4	-
1978	13,726	6.3	4,548	2.1	3,554	1.6	22,796	10.5	17	-
1979	14,971	6.8	935	0.4	1,829	0.8	26,661	12.0	684	0.3
1980	14,913	5.3	1,458	0.5	8,540	3.0	32,884	11.7	21	-
1981	14,387	4.4	1,768	0.6	5,335	1.6	30,254	9.3	76	-
1982	8,994	4.3	1,069	0.5	2,485	1.2	22,848	11.0	187	0.1

NOTE: Percentages may not add to 100 due to rounding.

* - Includes Uncoated Groundwood, Clay Coated Groundwood, Uncoated Free Sheet and Clay Coated Free Sheet.

** - Includes Japan.

*** - Includes USSR/Eastern Europe, People's Republic of China and in 1972-1975 also includes small amounts not distributed by destination.

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD*

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL Tons	%	WESTERN EUROPE Tons	%	CANADA Tons	%	CENTRAL AMERICA & CARIBBEAN** Tons	%	SOUTH AMERICA Tons	%	NEAR & MIDDLE EAST Tons	%
1972	1,877,062	100.0	1,073,360	57.2	18,532	1.0	301,144	16.0	137,480	7.3	98,506	5.2
1973	1,645,650	100.0	862,060	52.4	19,439	1.2	280,701	17.1	138,049	8.4	79,147	4.8
1974	1,743,135	100.0	926,692	53.2	41,161	2.4	255,951	14.7	138,927	8.0	107,181	6.1
1975	1,224,211	100.0	521,942	42.6	64,672	5.3	208,189	17.0	121,344	9.9	141,969	11.6
1976	1,419,361	100.0	618,482	43.6	72,577	5.1	298,363	21.0	91,236	6.4	111,696	7.9
1977	1,428,038	100.0	606,953	42.5	30,372	2.1	304,909	21.4	133,224	9.3	117,512	8.2
1978	1,539,510	100.0	623,158	40.5	39,129	2.5	341,834	22.2	146,405	9.5	107,158	7.0
1979	1,644,901	100.0	711,138	43.2	54,606	3.3	324,264	19.7	109,969	6.7	100,588	6.1
1980	2,527,245	100.0	918,633	36.3	26,082	1.0	383,492	15.2	130,280	5.2	98,613	3.9
1981	1,973,487	100.0	637,217	32.3	38,877	2.0	322,687	16.4	131,292	6.7	127,779	6.5
1982	1,886,193	100.0	643,610	34.1	47,745	2.5	318,104	16.9	132,937	7.0	111,589	5.9

* - Includes small amount of bleached kraft linerboard.
** - Includes Mexico.

Continued Page 4

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD*

BY AREA OF DESTINATION

(Short Tons)

Year	AFRICA		OCEANIA AND FAR EAST		JAPAN		PEOPLE'S REPUBLIC OF CHINA		OTHER**	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	95,921	5.1	144,363	7.7	7,453	0.4	-	-	303	-
1973	107,931	6.6	119,636	7.3	21,403	1.3	17,099	1.0	185	-
1974	150,008	8.6	95,694	5.5	20,048	1.2	5,212	0.3	2,261	0.1
1975	91,357	7.5	64,021	5.2	9,172	0.7	-	-	1,545	0.1
1976	110,706	7.8	107,205	7.6	9,096	0.6	-	-	-	-
1977	93,153	6.5	93,761	6.6	26,052	1.8	22,045	1.5	57	-
1978	79,779	5.2	141,574	9.2	57,842	3.8	2,631	0.2	-	-
1979	69,663	4.2	189,710	11.5	74,443	4.5	10,520	0.6	-	-
1980	240,555	9.5	248,218	9.8	162,348	6.4	319,024	12.6	-	-
1981	185,180	9.4	230,689	11.7	125,888	6.4	173,878	8.8	-	-
1982	149,339	7.9	253,992	13.5	117,715	6.2	111,162	5.9	-	-

NOTE: Percentages may not add to 100 due to rounding.

* - Includes small amount of bleached kraft linerboard.

** - Includes Eastern Europe and in 1972-1975 also includes small amounts not distributed by destination.

U.S. EXPORTS OF BLEACHED PAPERBOARD

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL		WESTERN EUROPE		CANADA		MEXICO		CENTRAL AMERICA & CARIBBEAN		SOUTH AMERICA	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	208,516	100.0	59,948	28.7	33,919	16.3	13,687	6.6	9,250	4.4	26,147	12.5
1973	265,169	100.0	68,191	25.7	33,027	12.5	12,988	4.9	11,690	4.4	30,821	11.6
1974	374,642	100.0	95,965	25.6	42,143	11.2	16,586	4.4	15,846	4.2	52,717	14.1
1975	284,203	100.0	65,410	23.0	35,454	12.5	22,313	7.9	2,914	1.0	48,753	17.2
1976	352,638	100.0	68,717	19.5	42,858	12.2	35,929	10.2	8,522	2.4	40,521	11.5
1977	374,823	100.0	80,281	21.4	33,917	9.0	33,377	8.9	13,208	3.5	40,655	10.8
1978	440,724	100.0	83,330	18.9	74,411	16.9	38,059	8.6	13,327	3.0	44,053	10.0
1979	508,601	100.0	82,080	16.1	66,688	13.1	53,811	10.6	11,869	2.3	45,907	9.0
1980	606,044	100.0	121,001	20.0	60,143	9.9	56,658	9.3	13,239	2.2	42,916	7.1
1981	578,724R	100.0	111,465	19.3	73,962	12.8	33,085	5.7	12,554	2.2	47,109	8.1
1982	525,733	100.0	93,996	17.9	57,445	10.9	34,374	6.5	11,321	2.1	40,224	7.6

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U.S. EXPORTS OF BLEACHED PAPERBOARD

BY AREA OF DESTINATION

(Short Tons)

Year	NEAR AND MIDDLE EAST		AFRICA		OCEANIA AND FAR EAST		JAPAN		OTHER*	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	1,181	0.6	21,316	10.2	23,827	11.4	11,713	5.6	7,528	3.6
1973	4,378	1.7	35,390	13.3	31,513	11.9	32,106	12.1	5,065	1.9
1974	5,366	1.4	43,252	11,5	47,460	12.7	52,425	14.0	2,882	0.8
1975	6,447	2.3	29,428	10.4	22,933	8.1	42,804	15.1	7,747	2.7
1976	5,270	1.5	33,312	9.4	37,403	10.6	78,412	22.2	1,694	0.5
1977	3,865	1.0	34,502	9.2	40,702	10.9	94,070	25.1	246	0.1
1978	1,964	0.4	39,860	9.0	65,549	14.9	80,168	18.3	3	-
1979	1,121	0.2	48,422	9.5	79,477	15.6	119,226	23.4	-	-
1980	601	0.1	67,984	11.2	86,071	14.2	151,317	25.0	6,114	1.0
1981	1,632	0.3	67,399	11.6	102,670	17.7	128,789	22.2	59R	-
1982	1,734	0.3	64,580	12.3	87,810	16.7	134,247	25.5	2	-

NOTE: Percentages may not add to 100 due to rounding.

* - Includes USSR/Eastern Europe, People's Republic of China and in 1972-1975 also includes small amounts not distributed by destination.

R - Revised